

In the Claims

Please cancel claims 17 and 23-25 without prejudice. Applicants reserve the right to pursue the original subject matter in a continuing application.

1. (Original) A continuous sampling arrangement, comprising:
 - (a) a bag within which a sample is collected;
 - (b) a tube being in fluid communication with the bag;
 - (c) a needle in fluid communication with the tube;
 - (d) an elbow pipe having an internal volume and an aperture, said elbow pipe being arranged and configured for operative connection to a closed fluid flow line from which a fluid sample is to be taken;
 - (e) a removable septum positioned within the aperture, the septum constructed for penetration of the needle therethrough to provide fluid communication between the internal volume of the elbow pipe and the bag.
2. (Original) The sampling arrangement of claim 1, wherein the aperture is positioned adjacent to a non-laminar fluid flow region of the elbow pipe.
3. (Original) The sampling arrangement of claim 1, wherein the septum comprises:
 - (i) a penetrable body;
 - (ii) a cap piece in contact with at least a portion of the penetrable body; and
 - (iii) a penetrable layer at least partially covering a portion of the cap piece.
4. (Original) The sampling arrangement of claim 3, wherein the penetrable body comprises a rubber construction.
5. (Original) The sampling arrangement of claim 3, wherein the penetrable body comprises a silicon construction.

6. (Original) The sampling arrangement of claim 3, wherein the penetrable body defines a volume of mass having a tapering diametric shape, the diameter proximate the cap piece corresponding to the diameter of the aperture of the elbow pipe.
7. (Original) The sampling arrangement of claim 3, wherein the septum includes an integral cap piece and penetrable body construction.
8. (Original) The sampling arrangement of claim 3, wherein the tubing is in fluid communication with the internal volume of the elbow pipe by insertion of the needle through the penetrable body of the septum.
9. (Original) The sampling arrangement of claim 3, wherein the cap piece includes a plurality of openings configured to guide the needle into the penetrable body of the septum during needle insertion.
10. (Original) The sampling arrangement of claim 9, wherein the plurality of openings is at least partially covered by the penetrable layer, the penetrable layer providing a visible indication of previously penetrated openings.
11. (Original) The sampling arrangement of claim 1 wherein the aperture includes an outwardly extended portion defining an internal diameter sized to receive the septum.
12. (Original) The sampling arrangement of claim 11 wherein the aperture further includes a male threaded section on the outwardly extended portion, and a threaded nut sized to cooperatively engage the male threaded section to secure the septum within the extended portion of the aperture.
13. (Original) The sampling arrangement of claim 1, wherein the elbow pipe includes coupling ends, each coupling end having a flange that further defines a groove to receive

a sealing member, wherein the elbow pipe configuration is configured to retrofit within an existing fluid transportation system.

14. (Original) The sampling arrangement of claim 1, wherein the arrangement further includes a flow control device to regulate the fluid flow from the elbow pipe to the bag.

15. (Original) The sampling arrangement of claim 14, wherein the flow control device includes a clamp to restrict fluid flow to the bag.

16. (Original) The sampling arrangement of claim 14, wherein the flow control device includes a peristaltic pump to regulate fluid flow to the bag.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)